



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1510
Job Sheet 214166



Part No: 647.1510

Job Qty: 20 pcs

Part Name: Upper Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/20/20

Job Tracking No:

Due Date: 12/18/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: 647.1500 REV.E IPP REV: A NEW ISSUE JFS 14/08/19 VERIFIED BY: JLM

Ship Via:

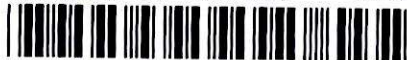
Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	20 pcs		12/12/20	0.00	1.00	Bandsaw - 1		<i>[Signature]</i> 20/11/21
110	HAAS 4 Axis - B4B	20 pcs		12/15/20	1.00	22.99	HAAS - 1 - B4B HAAS - 2 - B4B HAAS - 3 - B4B HAAS - 4 - B4B		<i>B. a/Alt</i> 20/11/21
120	QC 2	20 pcs		12/15/20	0.00	0.00	QC 2 - 1 QC 2 - 12 QC 2 - 14 QC 2 - 17 QC 2 - 19 QC 2 - 2 QC 2 - 20 QC 2 - 22 QC 2 - 23 QC 2 - 25 QC 2 - 32 QC 2 - 33 QC 2 - 35 QC 2 - 39 QC 2 - 4 QC 2 - 40 QC 2 - 44 QC 2 - 45 QC 2 - 48 QC 2 - 49 QC 2 - 50 QC 2 - 51 QC 2 - 52 QC 2 - 57 QC 2 - 62		<i>1.02</i>



Container No: S312934



Part: 647.1510

Job No: 214166

Serial No/Batch: S312934

Revision: Rev E

Inspector:

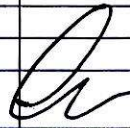
Exp Date:

Instructions: Various STC's

Date: 11/14/20

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

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					QC 2 - 63	
					QC 2 - 8	B.A 20-11-20
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 2 - 76	
					QC 2 - 86	
					QC 2 - 83	
130	QC 8	20 pcs	12/15/20	0.00 0.00	QC 8 - 12	
					QC 8 - 14	OK 20/11/22
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
					QC 8 - 66	
					QC 8 - 73	
					QC 8 - 82	
140	Outsource - 4 - Anodize	20 pcs	12/18/20		ATG001-VC	3  NOV 24 2020
150	Packaging 2-1 - Receive - B4B	20 pcs	12/18/20	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	 DEC 17 2020
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 -	

				B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
155 QC 6	20 pcs	12/18/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
				QC 6 - 82	
180 Packaging 3-1 - Stock - B4B	20 pcs	12/18/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	

DAS
81
9-89

DEC 23 2020

DAS
28
9-89

DEC 24 2020

				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
190 QC 21 - SA	20 pcs	12/18/20	0.00 0.00	QC 21 - SA - 21	DAS 21 9-89
				QC 21 - SA - 70	DAS 21 9-89
				QC 21 - SA - 9	DAS 21 9-89
				QC 21 - SA - 77	DAS 21 9-89
				QC 21 - SA - 28	DAS 21 9-89
Part Op 100 - Bandsaw - Cut Blank at 22.000" *** ONE BLANK MAKES TWO PARTS***					
Descriptions: 110 - HAAS CNC Vertical Machine - 1-Machine per folio FB337 DWG REV:  FOLIO REV: AA 2-					
deburr and break all sharp edges					

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120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

140 - Outsource process-Anodize per QSI017 4.1.10.1) - Issue P/O to ATG : _____ Hard Black Anodize and Prime as per Dwg 647.1500

150 - Receive & Inspect for Damage & Mat'l Certs

155 - QC6- All purchased or subcontracted products

180 - Identify as per dwg & Stock Location: _____ ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S0.375X6.000	7075-T6S Sheet .375" Thick Plate X 6" Wide	18.3400 ft (.917 ea)	100-Bandsaw - 1	5 725B

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S0.375X6.000	18	9	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Screen	0.130inches $\pm$ 0.010	0.140 0.120	0.125"	
2	Screen	45.000degrees $\pm$ 0.500	45.500 44.500	45°	Angle
3	Screen	0.177inches + 0.005 - 0.001	0.182 0.176	0.178"	Diameter
4	Screen	0.300inches $\pm$ 0.010	0.310 0.290	0.300"	
5	Screen	23.000degrees $\pm$ 0.500	23.500 22.500	23°	Angle
6	Screen	2.110inches $\pm$ 0.005 +/- .002 DAB	2.115 2.105	2.110"	
7	Screen	4.220inches $\pm$ 0.005 +/- .002 44 9-89	4.225 4.215	4.220"	
8	Screen	5.026inches $\pm$ 0.005	5.031 5.021	5.026"	
9	Screen	0.310inches $\pm$ 0.005	0.315 0.305	0.3115"	
10	Screen	67.100degrees $\pm$ 0.500	67.600 66.600	67.1°	Angle
11	Screen	0.188inches + 0.005 - 0.001	0.193 0.187	0.189"	Diameter
12	Screen	12.828inches $\pm$ 0.005	12.833 12.823	12.830"	
13	Screen	0.700inches + 0.005 - 0.010	0.705 0.690	0.701"	
14	Screen	0.340inches + 0.000 - 0.002	0.340 0.338	0.3398"	
15	Screen	0.040inches + 0.000 - 0.010	0.040 0.030	0.040"	
16	Screen	45.000degrees + 0.010 - 0.500	45.010 44.500	45°	Angle
17	Screen	0.380inches $\pm$ 0.010	0.390 0.370	0.372"	
18	Screen	13.810inches $\pm$ 0.010	13.820 13.800	13.810"	

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB047725



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613 446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047725

PO Date: 11/24/20

Due Date: 12/2/20

Purchase Order

Revision:

Revision Date:

Issued By: Lussier, Patrick
Phone: 613-632-5200 Ext: 276
plussier@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	21445	C3-1-1	C3-11-1 Rev 9	Side Plate - Solenoid C3-Hook Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to Groupe Altech : -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed X15		12/2/20	15 pcs DEC 02 2020	0 pcs	15 pcs	\$6.28/pcs	\$94.20
Line Item Note: rush												
	21366				Firmed X8		12/2/20	8 pcs DEC 02 2020	0 pcs	8 pcs	\$6.28/pcs	\$50.24
Sub Total:								23	0	23		\$144.44
2	21450	C3-2-1	C3-2-1 Rev 11	Side Plate C-3 Hook Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to GROUPE ALTECH: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed X15		12/2/20	15 pcs DEC 02 2020	0 pcs	15 pcs	\$6.28/pcs	\$94.20

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PURCHASE ORDER

POHB047725



Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
DEC 02 2020												
Line Item Note RUSH												
	214179				Firmed -		12/2/20	5 pcs	0 pcs	5 pcs	\$6.28/pcs	\$31.40
K5 Sub Total:								20	0	20		\$125.60
3	215532	D5771-13	D5771 REV.A	Crescent Bushing -Issue P/O; ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2 -Material type; 6061T6 -Certificate of Conformity is required	Firmed - X12		12/2/20	12 pcs	0 pcs	12 pcs	\$1.78/pcs	\$21.36
DEC 02 2020												
Line Item Note RUSH												
4	213203	DT10750-1	DT10750 A	Side Plate -Issue P/O; ANODIZE COLOR CLEAR, PER IAW MIL-A-8625 TYPE 2 CLASS 1 -Material type; 6061T6 -Certificate of Conformity is required	Firmed - X2		12/2/20	2 pcs	0 pcs	2 pcs	\$2.28/pcs	\$4.56
DEC 02 2020												
Line Item Note RUSH												
5	213284	DT10750-3	DT10750 A	Top Plate -Issue P/O; ANODIZE COLOR CLEAR, PER IAW MIL-A-8625 TYPE 2 CLASS 1 - Material type; 6061T6 -Certificate of Conformity is required	Firmed - X2		12/2/20	2 pcs	0 pcs	2 pcs	\$2.28/pcs	\$4.56
DEC 02 2020												
Line Item Note RUSH												



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PURCHASE ORDER POHB047725



Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	214135	647.1511	647.1500 E	Lower Deflector : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Anodize Color Black, Prime as per Dwg 647.1500	Firmed X20	-	12/18/20	20 pcs	0 pcs DEC 17 2020	20 pcs	\$11.93/pcs	\$238.60 RE
7	214166	647.1510	647.1500 Rev E	Upper Deflector : Various STC's Outsource process-Anodize per QSI017 4.1.10.1) - Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.1500	Firmed	-	12/18/20	20 pcs	0 pcs	20 pcs	\$21.43/pcs	\$428.60
8	214230	647.7811	647.7800 Rev A	Bracket B : Various STC's Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	-	12/18/20	20 pcs	0 pcs	20 pcs	\$15.28/pcs	\$305.60
9	214430	647.7610	647.7600	Upper Deflector : Various STC's Outsource process-Anodize per QSI017 4.1.10.1 Issue P/O to ATG : 1- Black Anodize as per Dwg 647.7600 2- PRIME AS PER DWG, SEE NOTE #7 (**DISREGARD AFTER ASSEMBLY***) Certification of Conformity is required	Firmed X20	-	12/18/20	20 pcs	0 pcs DEC 17 2020	20 pcs	\$12.83/pcs	\$256.60 RE

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K6A 1K7
Canada

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PURCHASE ORDER

POHB047725



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	215349	649.5310	649.5300	Lower Deflector : Various STC's Outsource process- Anodize per QSI017 4.1.10.1) Outsource process- Anodize per QSI017 4.1.10.1 Issue P/O to ATG : 1- Black Anodize as per Dwg 649.5300 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed	-	12/18/20	8 pcs	0 pcs	8 pcs	\$12.23/pcs	\$97.84

Grand Total: \$1,627.76

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing

A024 process certifications
A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

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A.T.G. Industries Inc
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Pack List

Number: 921228

Date: 11-Dec-20

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

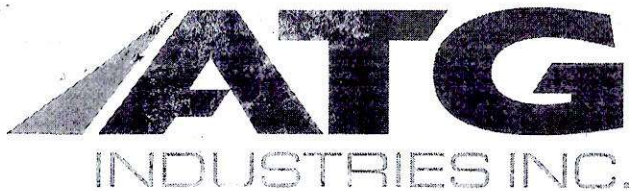
Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
20 ea	Part: 647.1510 Upper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5306022 Job: 28565 PO: POHB047725	Rev: E	DAS 81 9-89
20 ea	Part: 647.7610 Upper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5306022 Job: 28567 PO: POHB047725	Rev: N/C	
CERTIFICATE OF CONFORMANCE A.T.G. Industries Inc. certifies that all items in this shipment conform to the requirements. Date: DEC 11 2020 Certified Signature: _____ Receiver Signature: _____ A.T.G. Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Made in Canada.			



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 921228

Date: 11-Dec-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.			